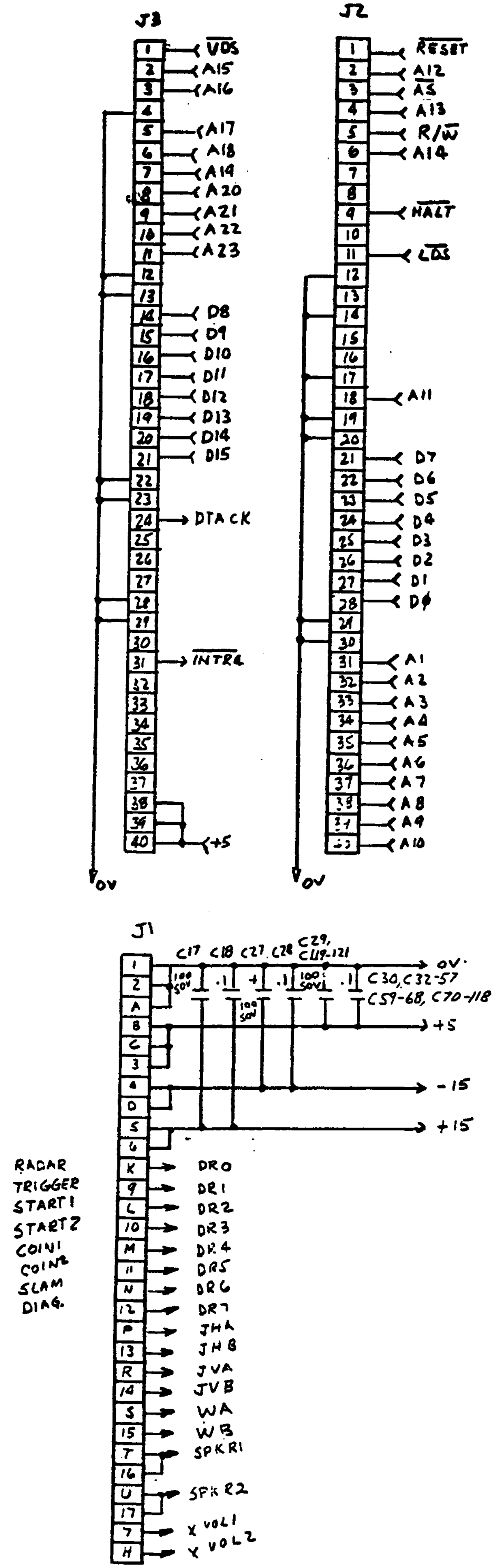
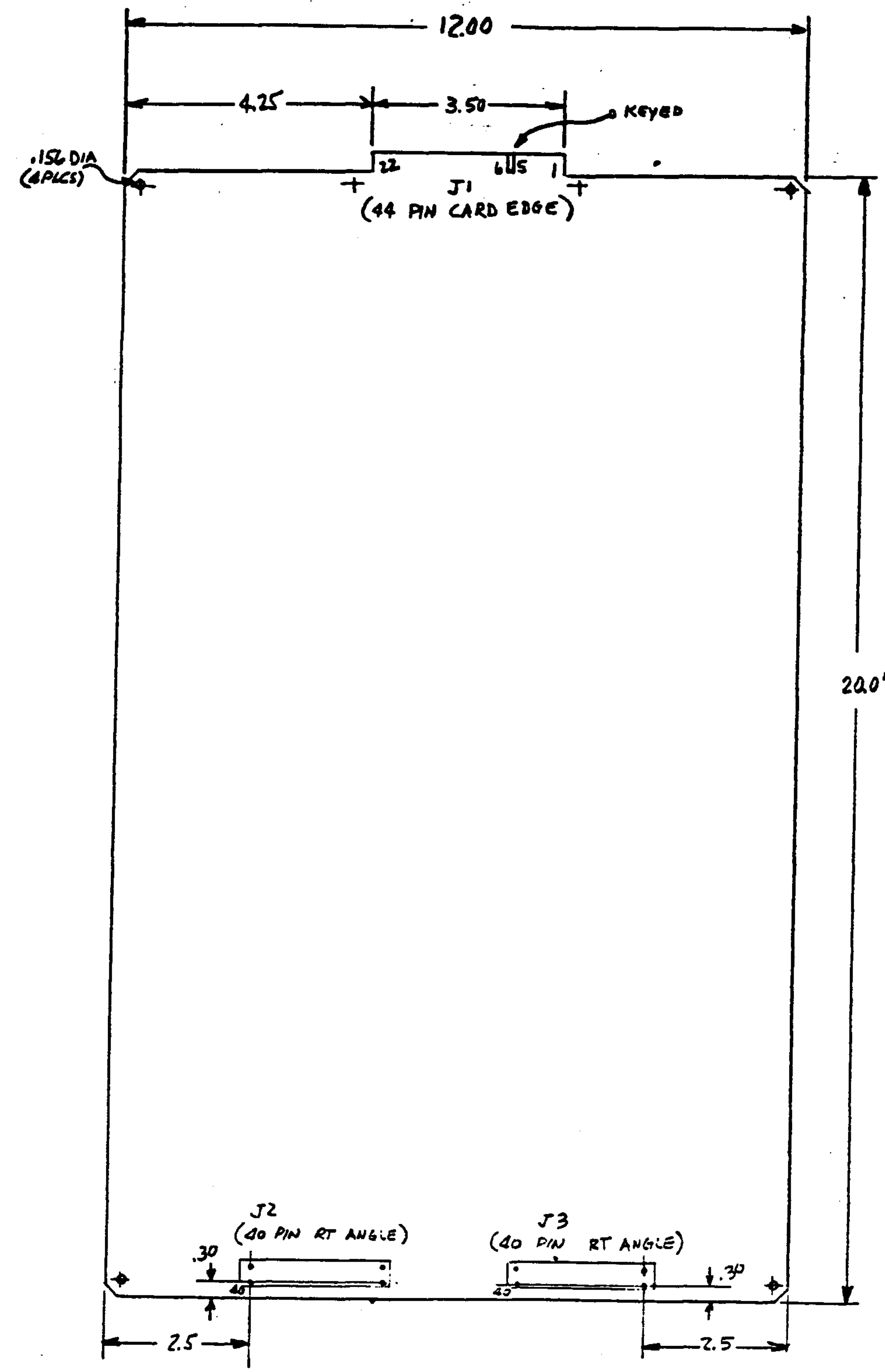




BOARD OUTLINE (NOT TO SCALE)
COMPONENT SIDE SHOWN

QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

TOLERANCES Unless Otherwise Specified

FRACTIONS	±	1/32
DECIMALS 2 PL	±	.015
DECIMALS 3 PL	±	.005
HOLES	+	.003
	−	.001
ANGLES	±	1/2°
SHT. MET BENDS	±	2°

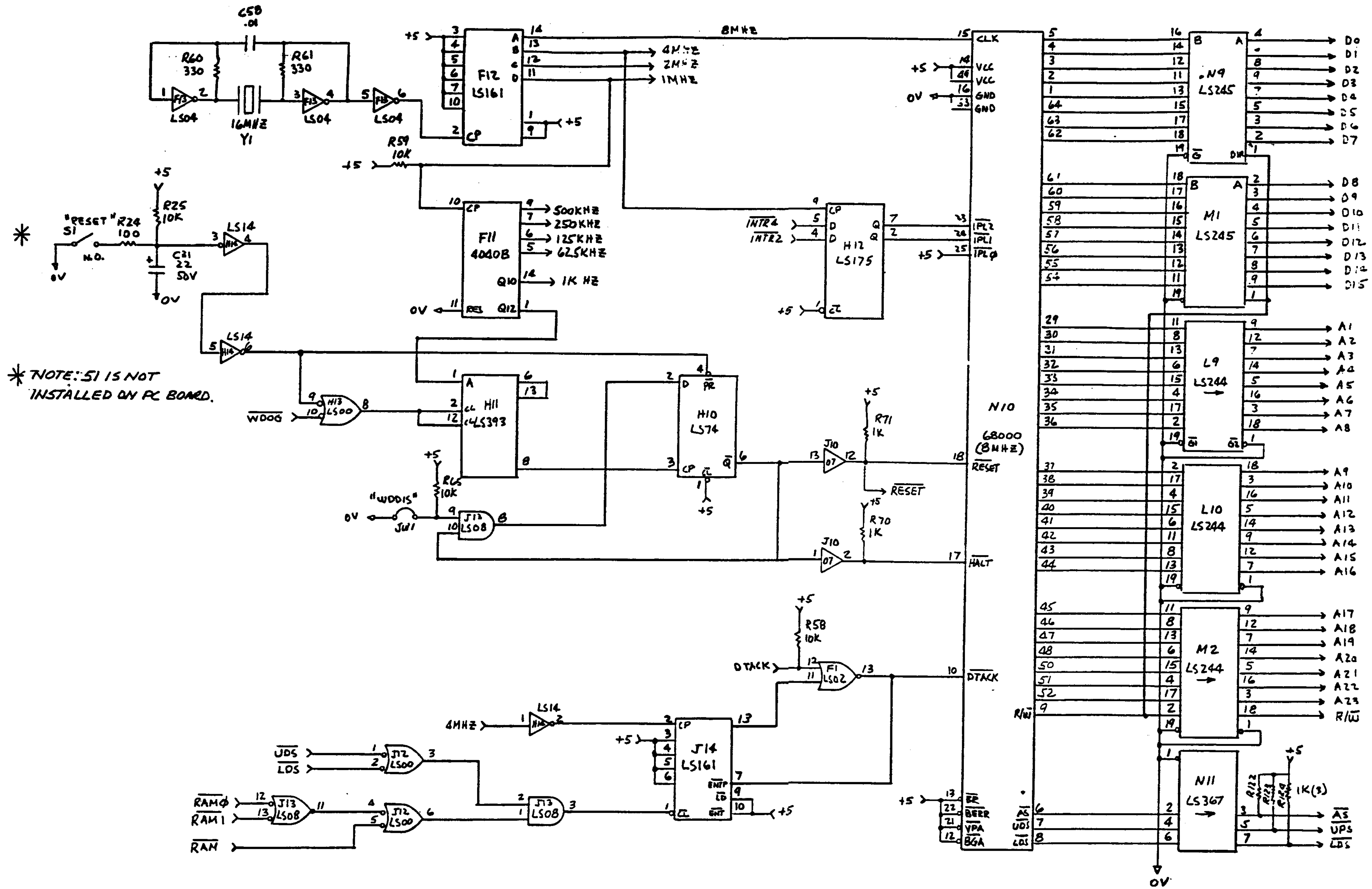
centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC CPU/SOUND BOARD

MAT'L	HEAT TREAT.	FINISH

DWN.	APP'D	DATE	SCALE	PART NO.	REV.
AAH		5-16-83		905-4902	

PAGE 1 OF 7



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

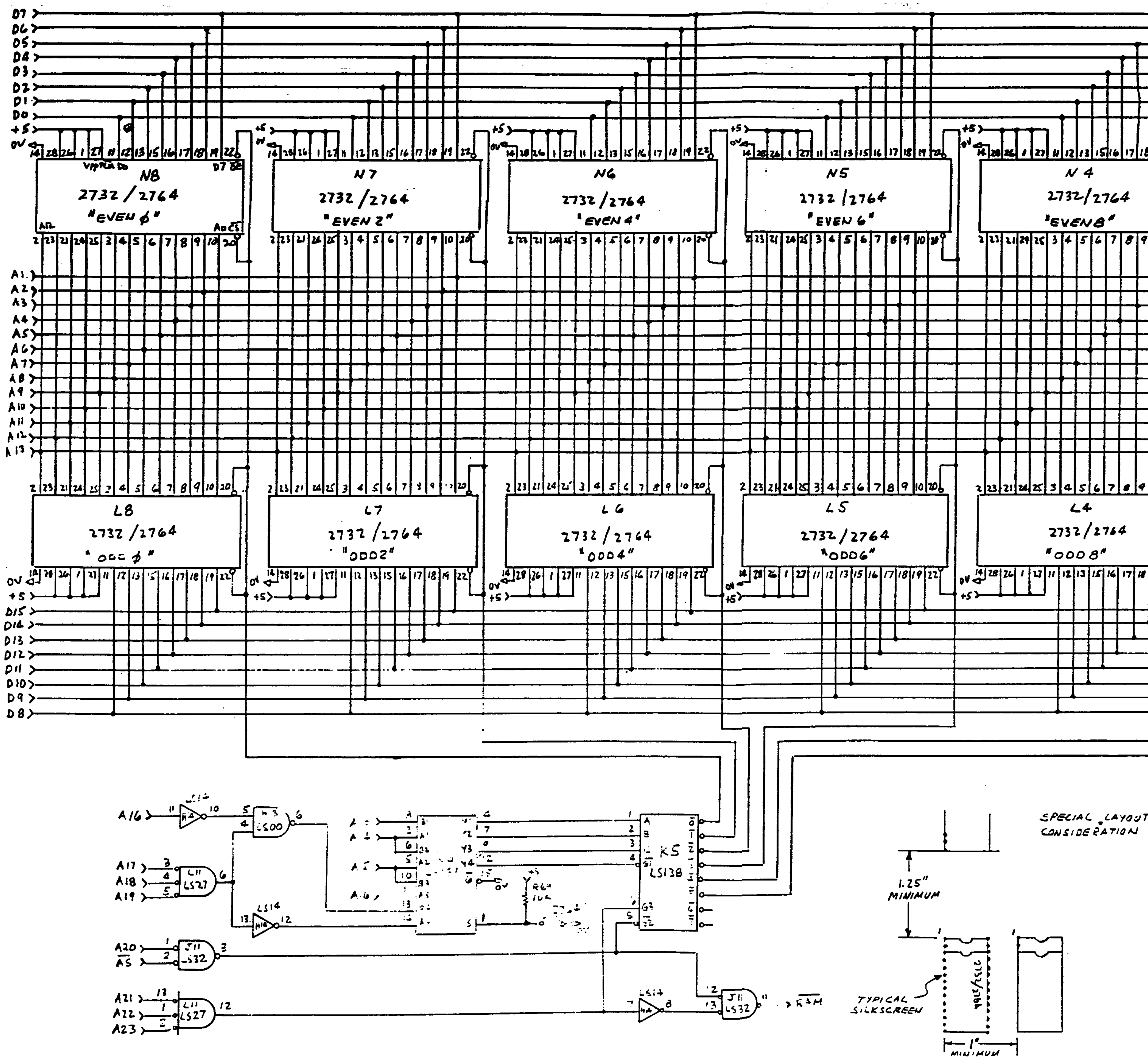
centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC CPU/SOUND BOARD

MATL'S. | HEAT TREAT. | FINISH

DWN.	APP'D	DATE	SCALE	PART NO.	REV.
AAN		5-17-83		905-4902	

PAGE 2 OF 7



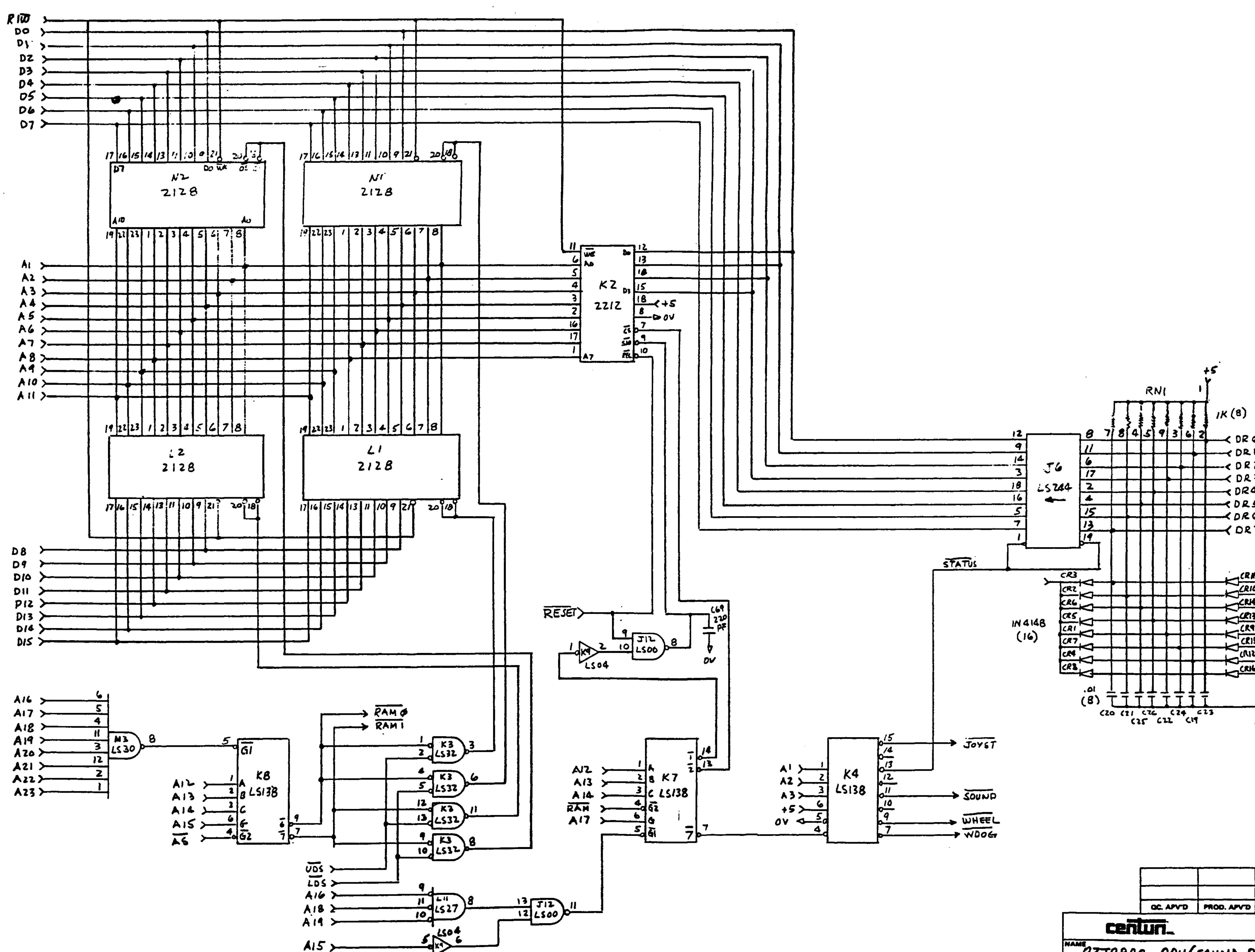
QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC CPU/SOUND BOARD

MATL'S.	HEAT TREAT.	FINISH

DWN.	APPD.	DATE	SCALE	PART NO.	REV.
AAH	[illegible]	5-18-83	[illegible]	905-4902	



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

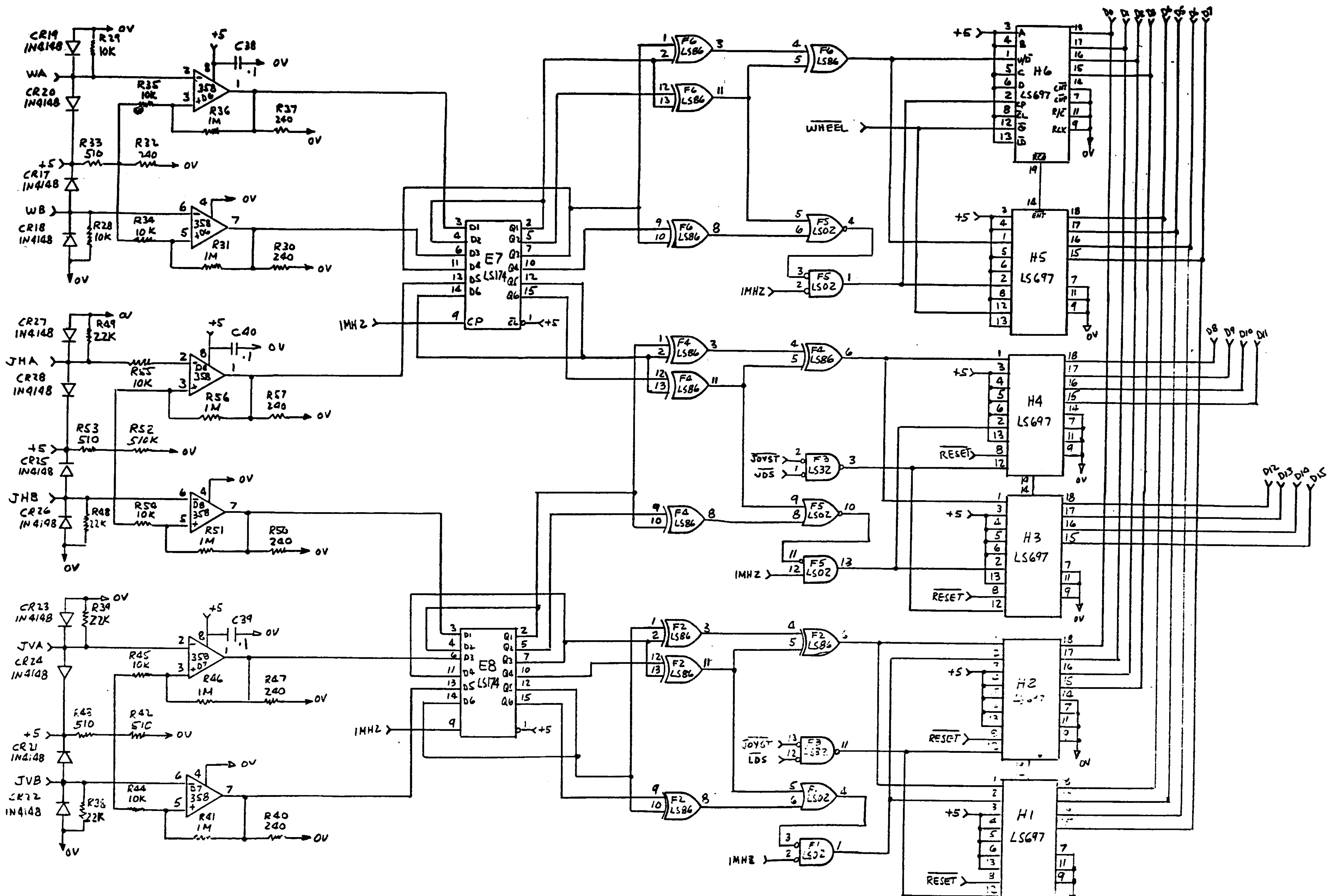
centuri — HIALEAH, FLORIDA 33014

NAME: AZTARAC CPU/SOUND BOARD

MAT'L: | HEAT TREAT. | FINISH

DWN. AAN | APPR. | DATE 5-19-83 | SCALE | PART NO. 905-4902 | REV.

PAGE 4 OF 7

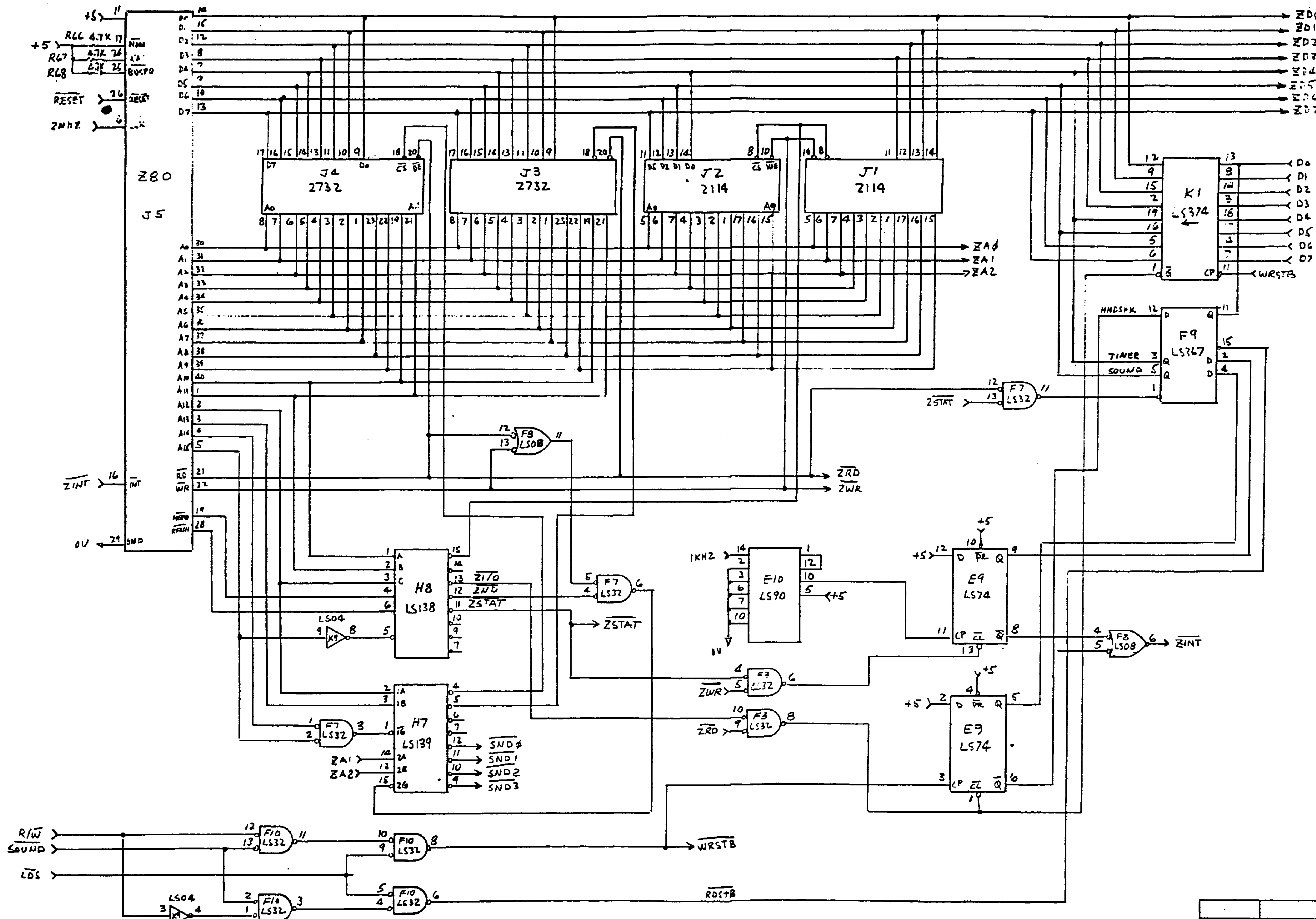


QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri HIALEAH, FLORIDA 33014

NAME AZTARAC CPU/SOUND BOARD				
MATL'S		HEAT TREAT.	FINISH	
DWN. AAN	APP'D.	DATE 6-6-83	SCALE	PART NO. 905-4902	REV.

PAGE 5 OF 7



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

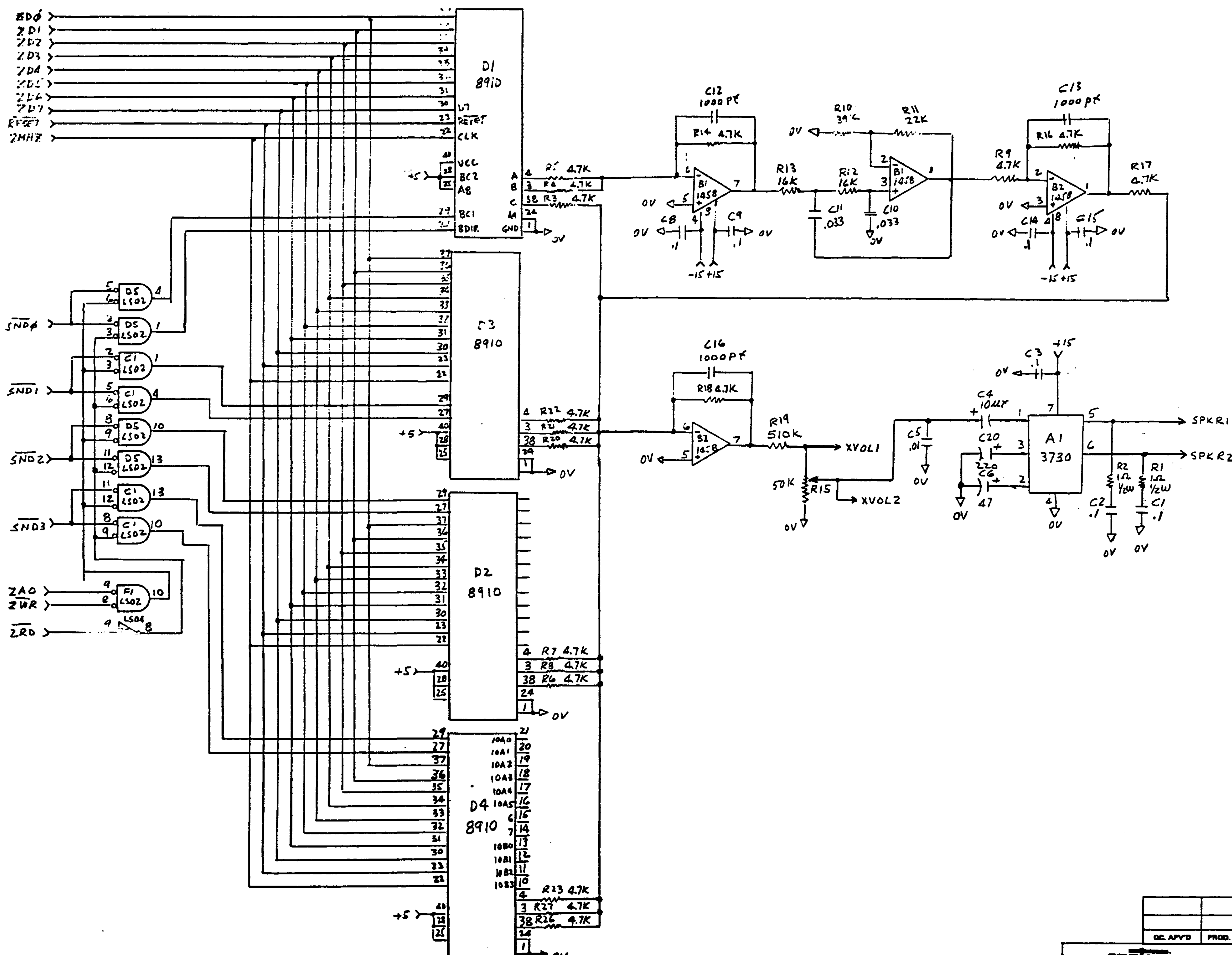
centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC CPU/SOUND BOARD

MAT'L	HEAT TREAT.	FINISH

DWN.	APV'D.	DATE	SCALE	PART NO.	REV.
AAN		6-6-83		905-4902	

PAGE 6 OF 7



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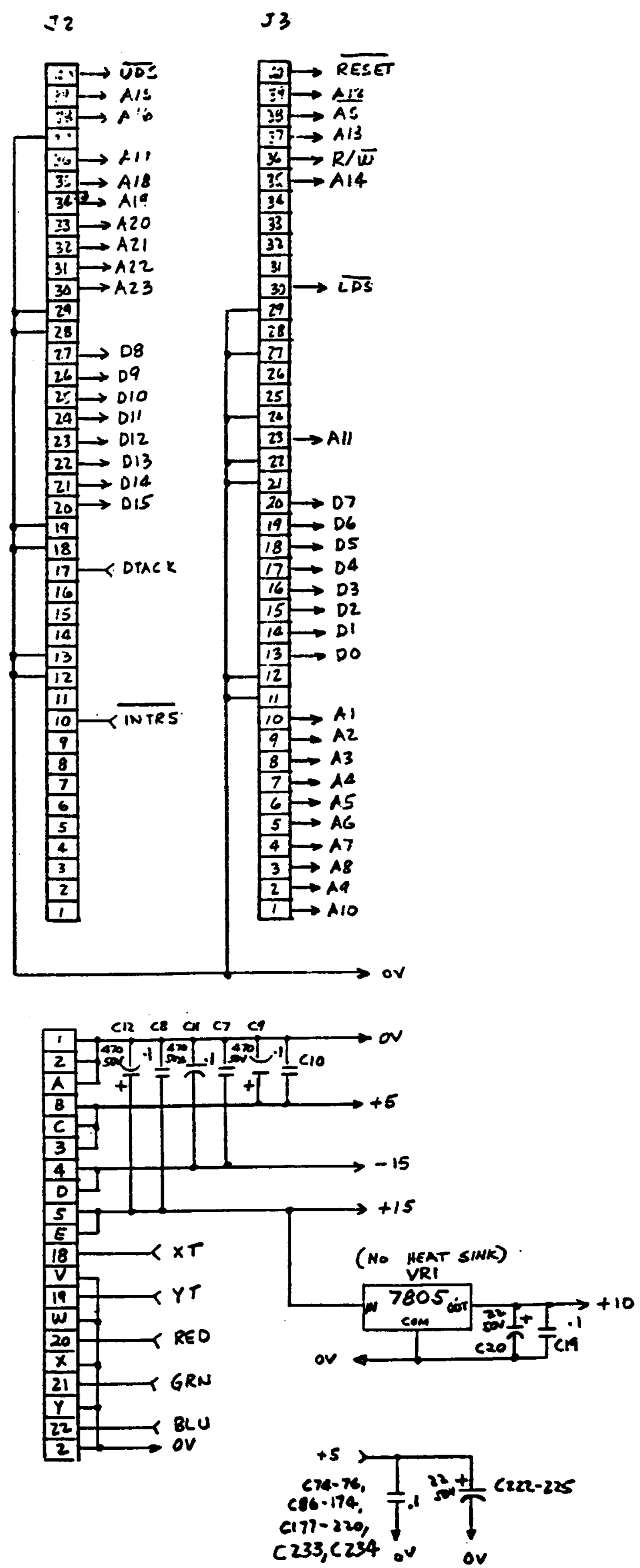
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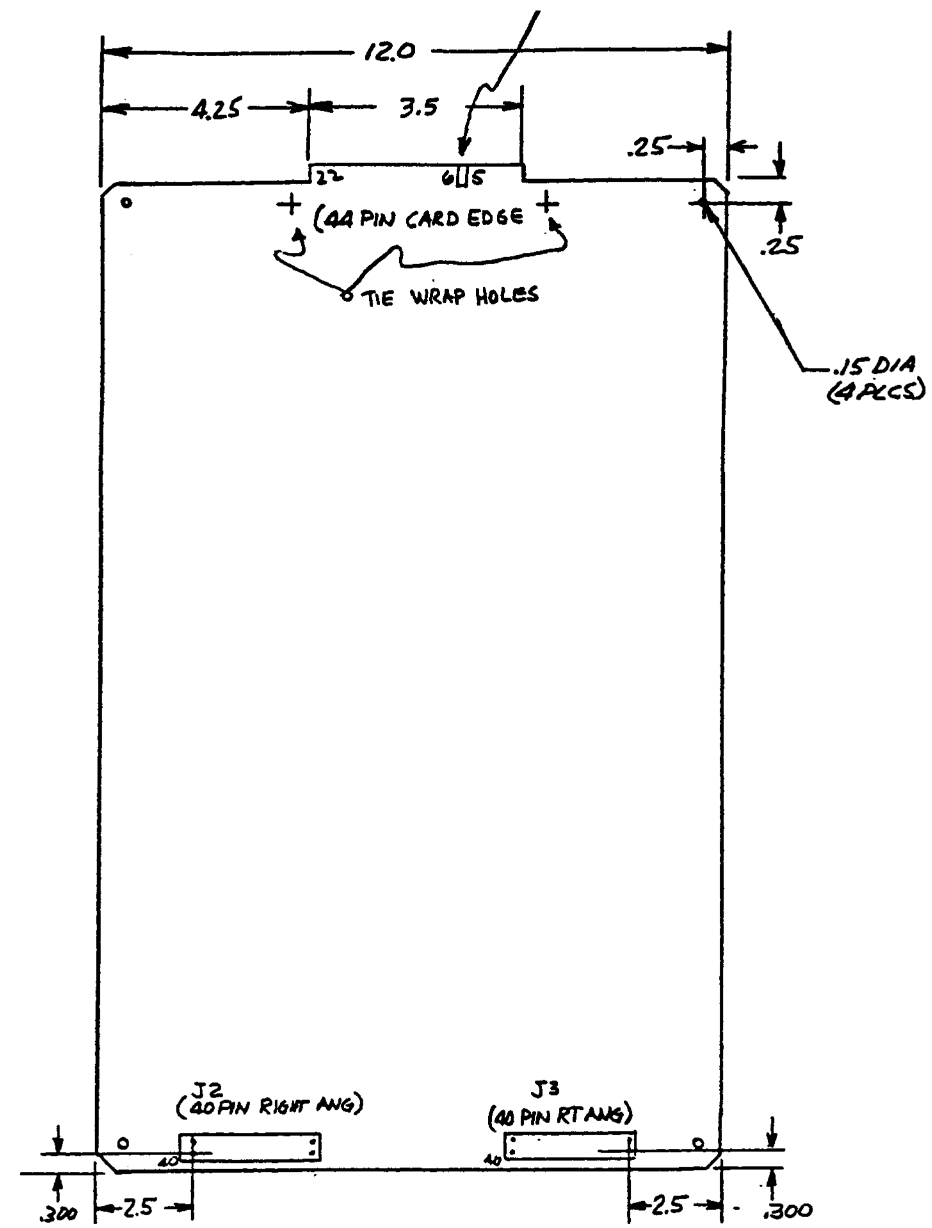
HIALEAH, FLORIDA 33014

NAME AZTARAC CPU/SOUND BOARD

MATL'S. | HEAT TREAT. | FINISH

DWN. AAN | APV'D | DATE 6-8-83 | SCALE | PART NO. 905-4902 | REV.





BOARD OUTLINE COMPONENT SIDE SHOWN – (NOT TO SCALE)

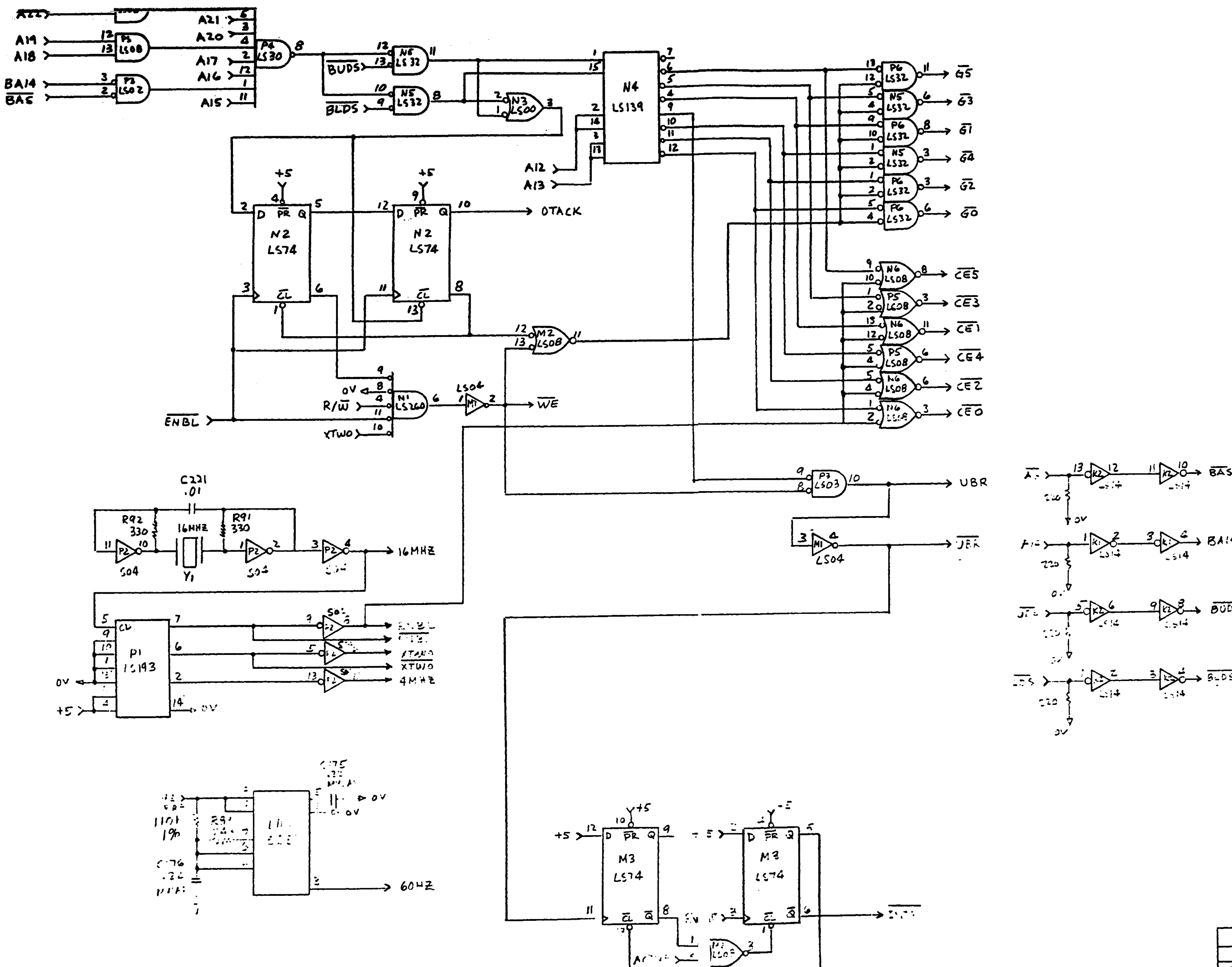
QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri — HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

MAT'L	HEAT TREAT.	FINISH			
DWN. AAM	APP'D.	DATE 4-14-83	SCALE —	PART NO. 905-4901	REV. A

PAGE 1 OF 10



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

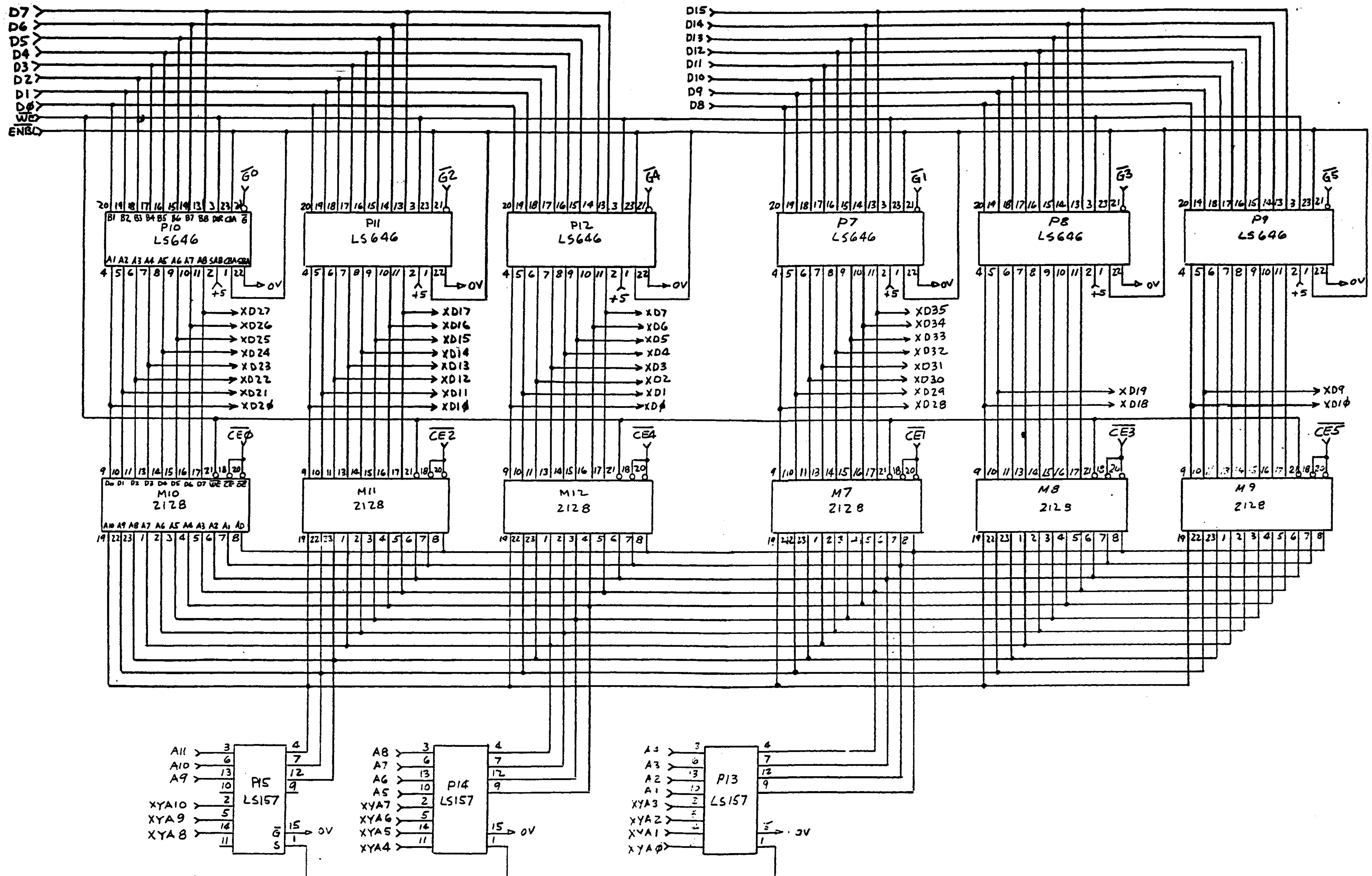
centuri — HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

MATL'S.	HEAT TREAT.	FINISH

DWN.	APV'D	DATE	SCALE	PART NO.	REV.
AAN		4-15-83		905-4901	A

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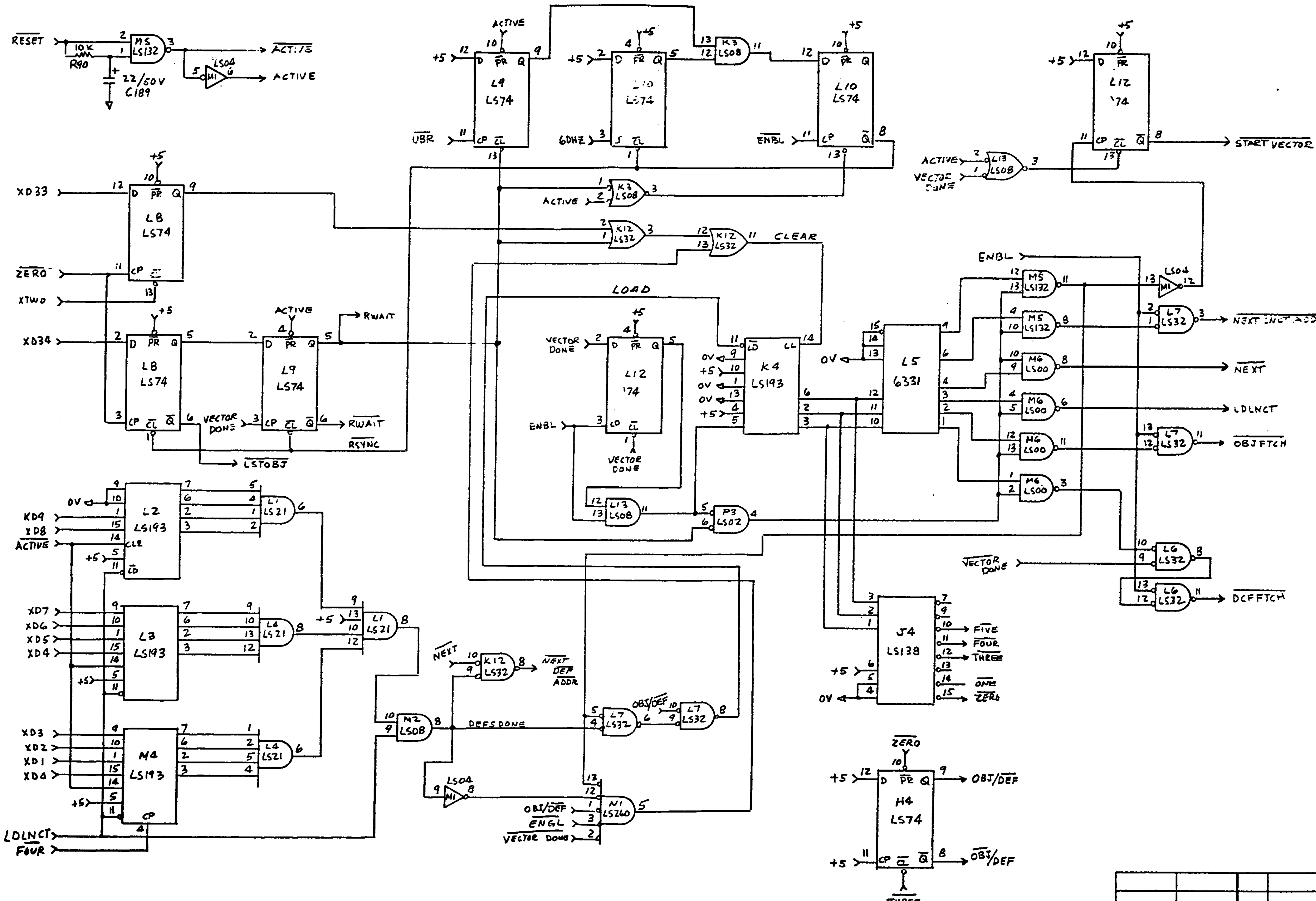
Q.C. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

MATL'S.	HEAT TREAT.	FINISH

DWN.	APP'D	DATE	SCALE	PART NO.	REV.
AAN		4-18-83		905-4901	A



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

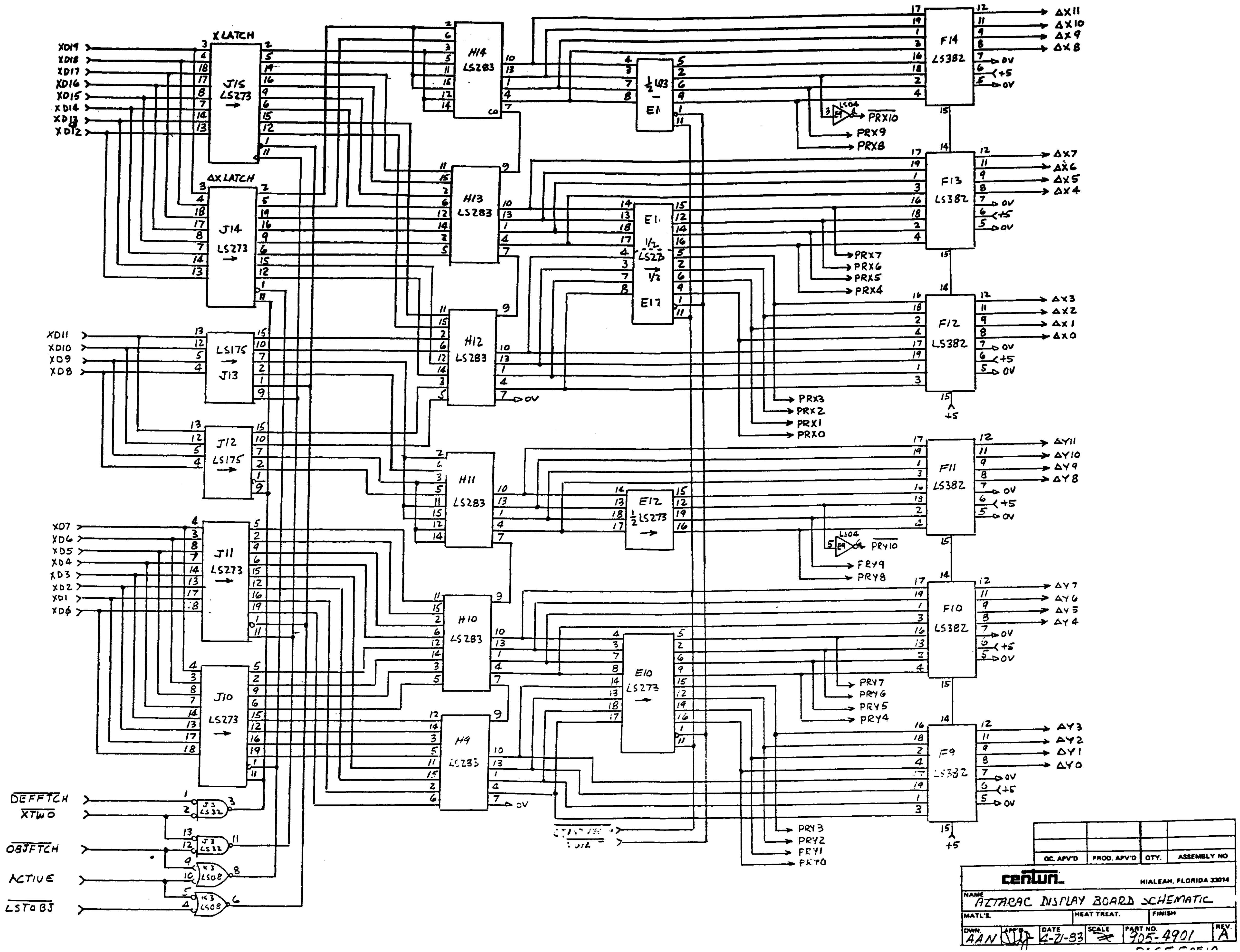
centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

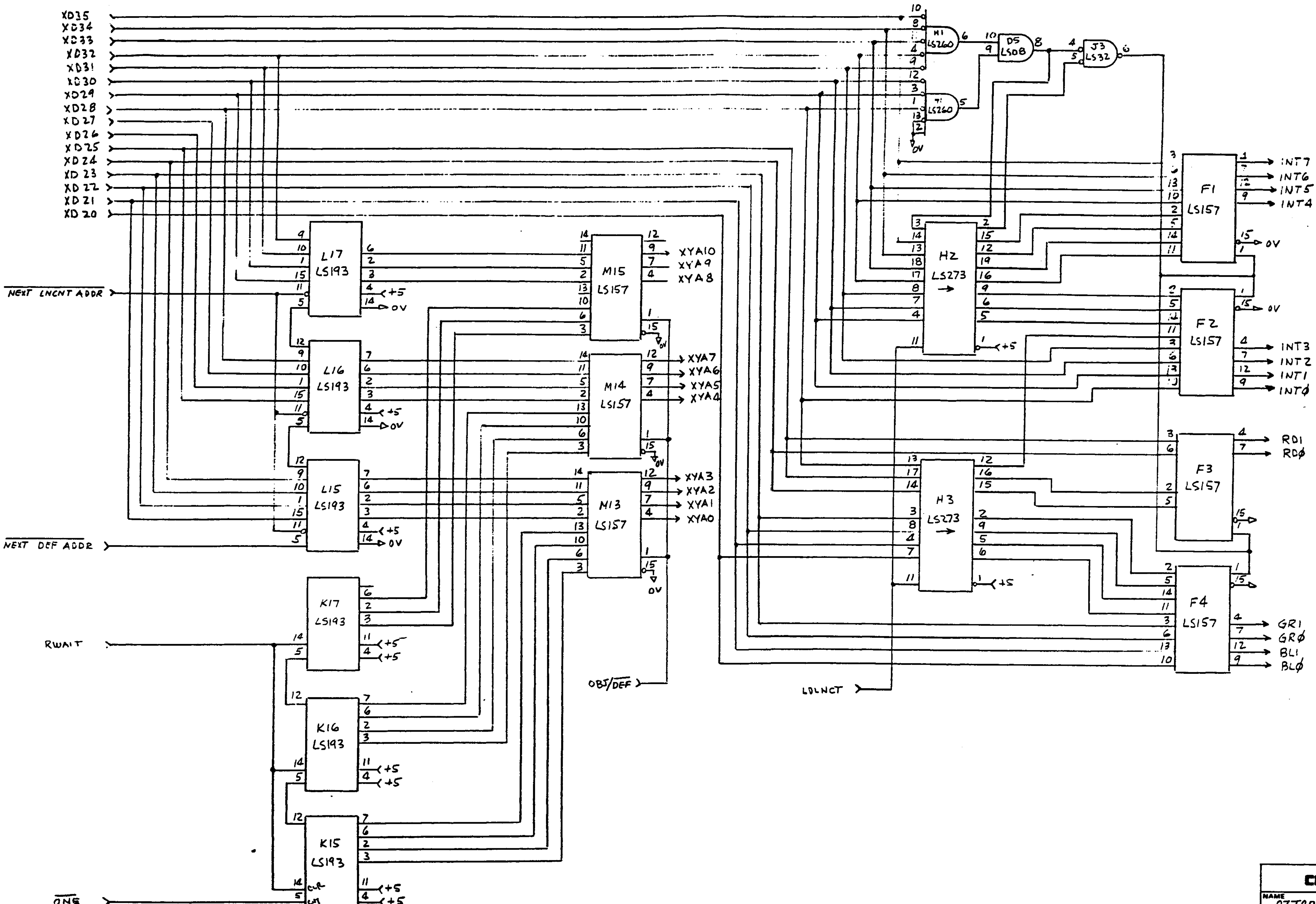
MAT'L: | HEAT TREAT: | FINISH:

DWN: AAN | APPD: | DATE: 4-21-83 | SCALE: | PART NO. 905-4901 | REV. A

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XD19
XD18
XD17
XD16
XD15
XD14
XD13
XD12
XD11
XD10
XD9
XD8
XD7
XD6
XD5
XD4
XD3
XD2
XD1
XDϕ
X LATCH
J15 LS273
ΔX LATCH
J14 LS273
LS175 J13
J12 LS175
J11 LS273
J10 LS273
H14 LS283
H13 LS283
H12 LS283
H11 LS283
H10 LS283
H9 LS283
E1 ½ LS273
E12 ½ LS273
E10 LS273
F14 LS382
F13 LS382
F12 LS382
F11 LS382
F10 LS382
F9 LS382
LS04
PRX10
PRX9
PRX8
PRX7
PRX6
PRX5
PRX4
PRX3
PRX2
PRX1
PRX0
PRY10
PRY9
PRY8
PRY7
PRY6
PRY5
PRY4
PRY3
PRY2
PRY1
PRY0
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ΔX10
ΔX9
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ΔY5
ΔY4
ΔY3
ΔY2
ΔY1
ΔY0
0V
+5
DEFFTCH
XTWO
OBJFTCH
ACTIVE
LSTOBJ
J3 LS32
K3 LS08
QC. APV'D
PROD. APV'D
QTY.
ASSEMBLY NO
centuri
HIALEAH, FLORIDA 33014
NAME AZTARAC DISPLAY BOARD SCHEMATIC
MATL'S.
HEAT TREAT.
FINISH
DWN. AAN
DATE 4-21-83
SCALE
PART NO. 905-4901
REV. A



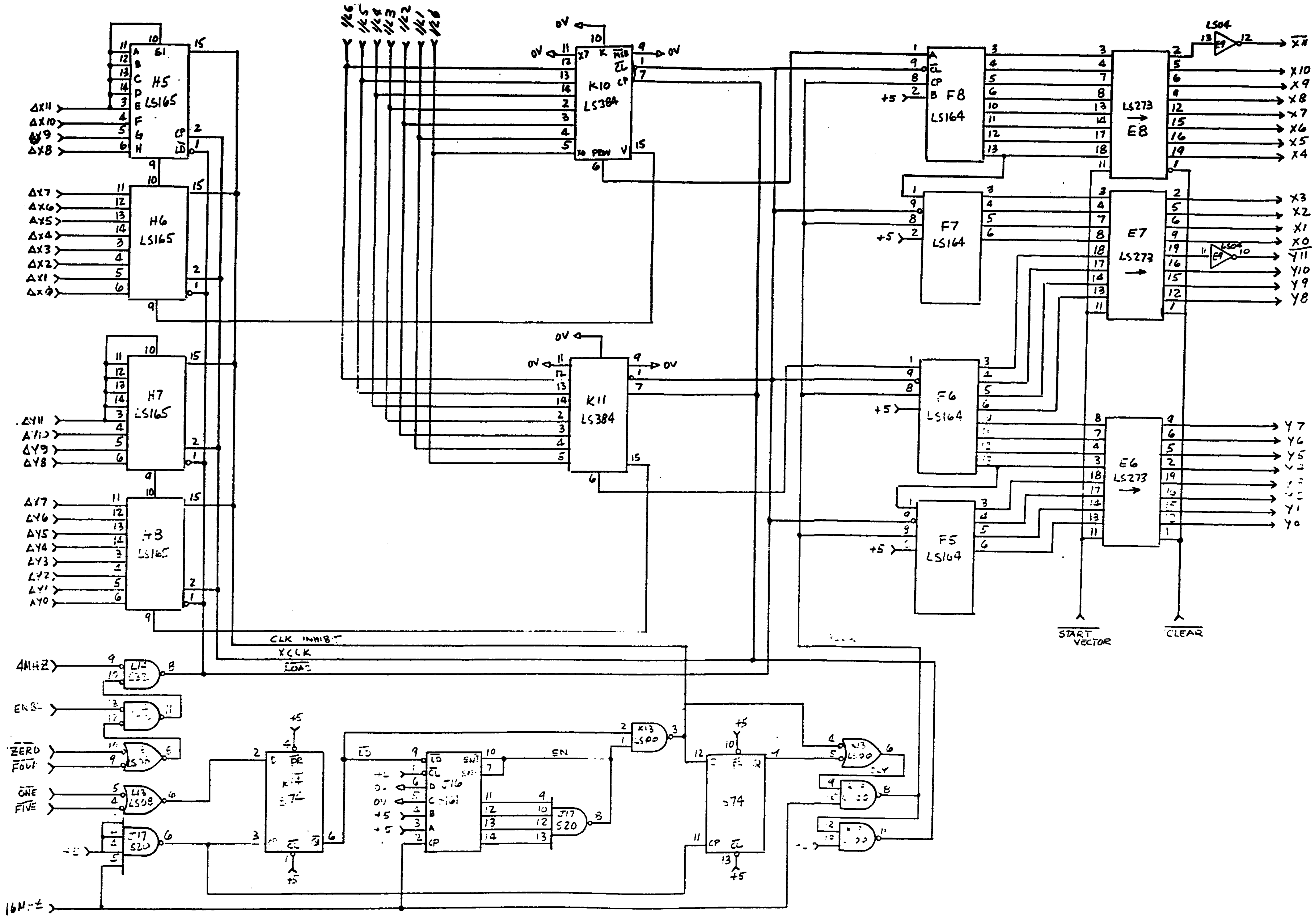
QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

MATL'S.	HEAT TREAT.	FINISH		
DWN. AAN	APV'D	DATE 4-22-83	SCALE	PART NO. 905-4901	REV. A

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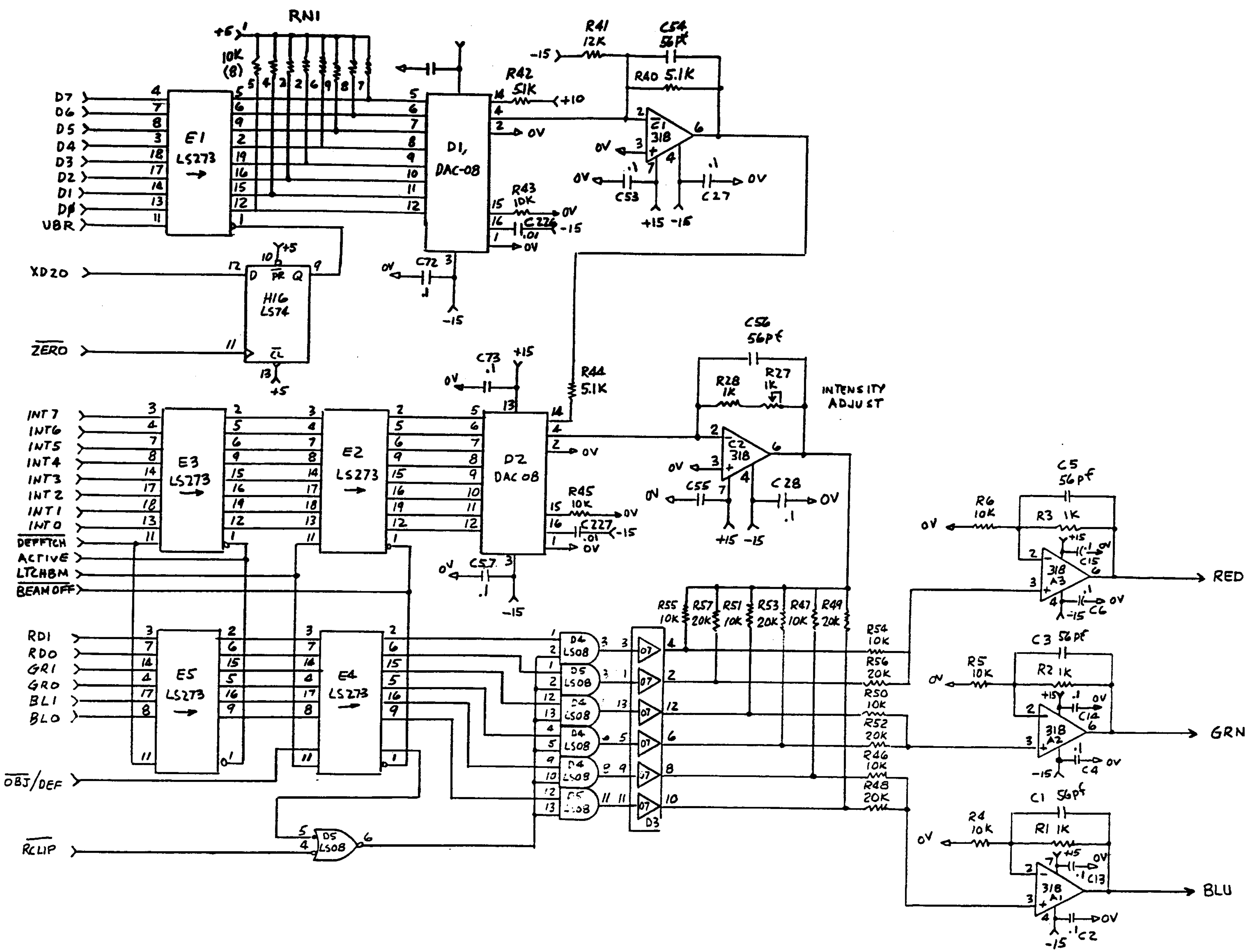


QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri

HIALEAH, FLORIDA 33014

NAME



QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

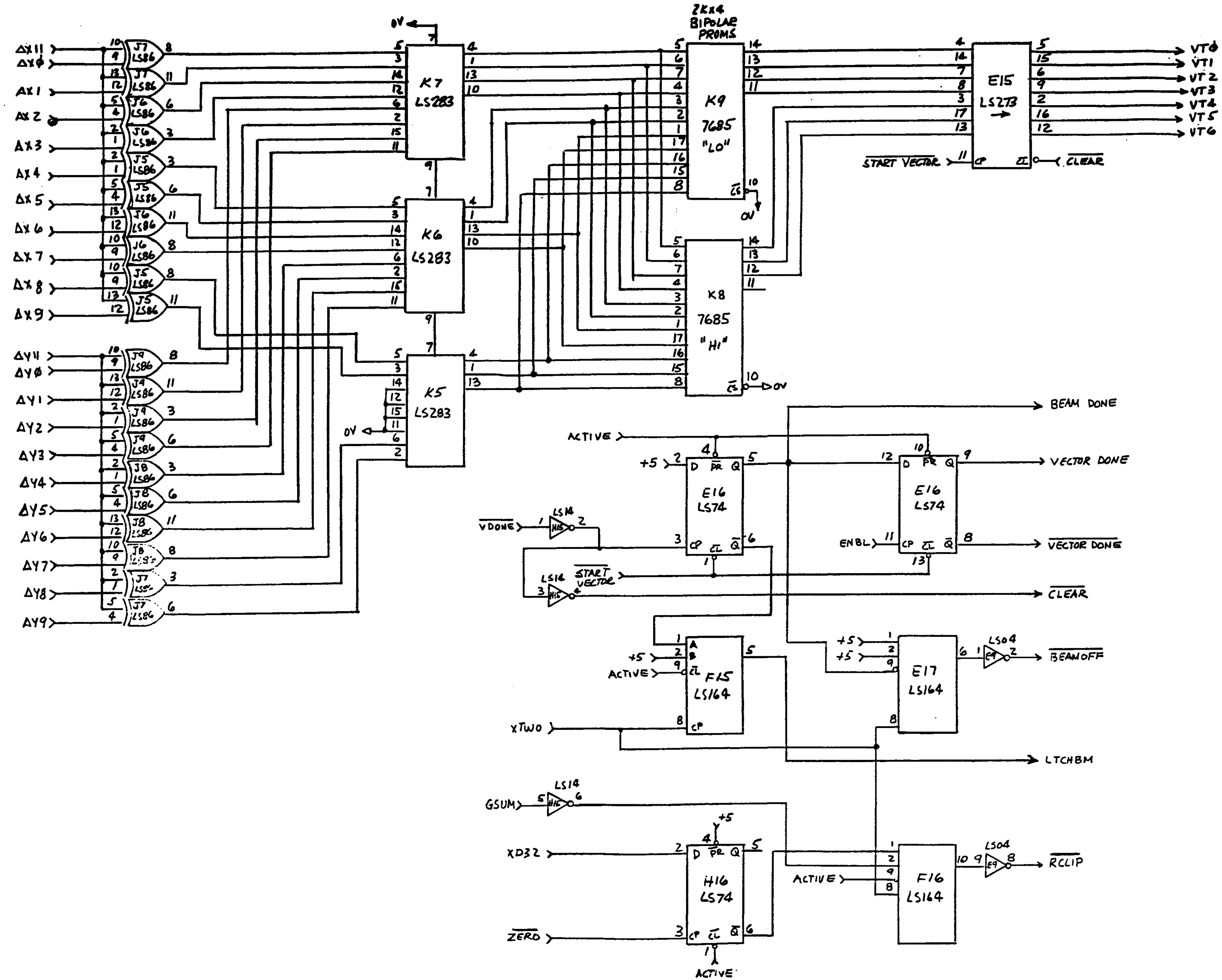
centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

MAT'L	HEAT TREAT.	FINISH

DWN.	APP'D	DATE	SCALE	PART NO.	REV.
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PAGE 8 OF 10



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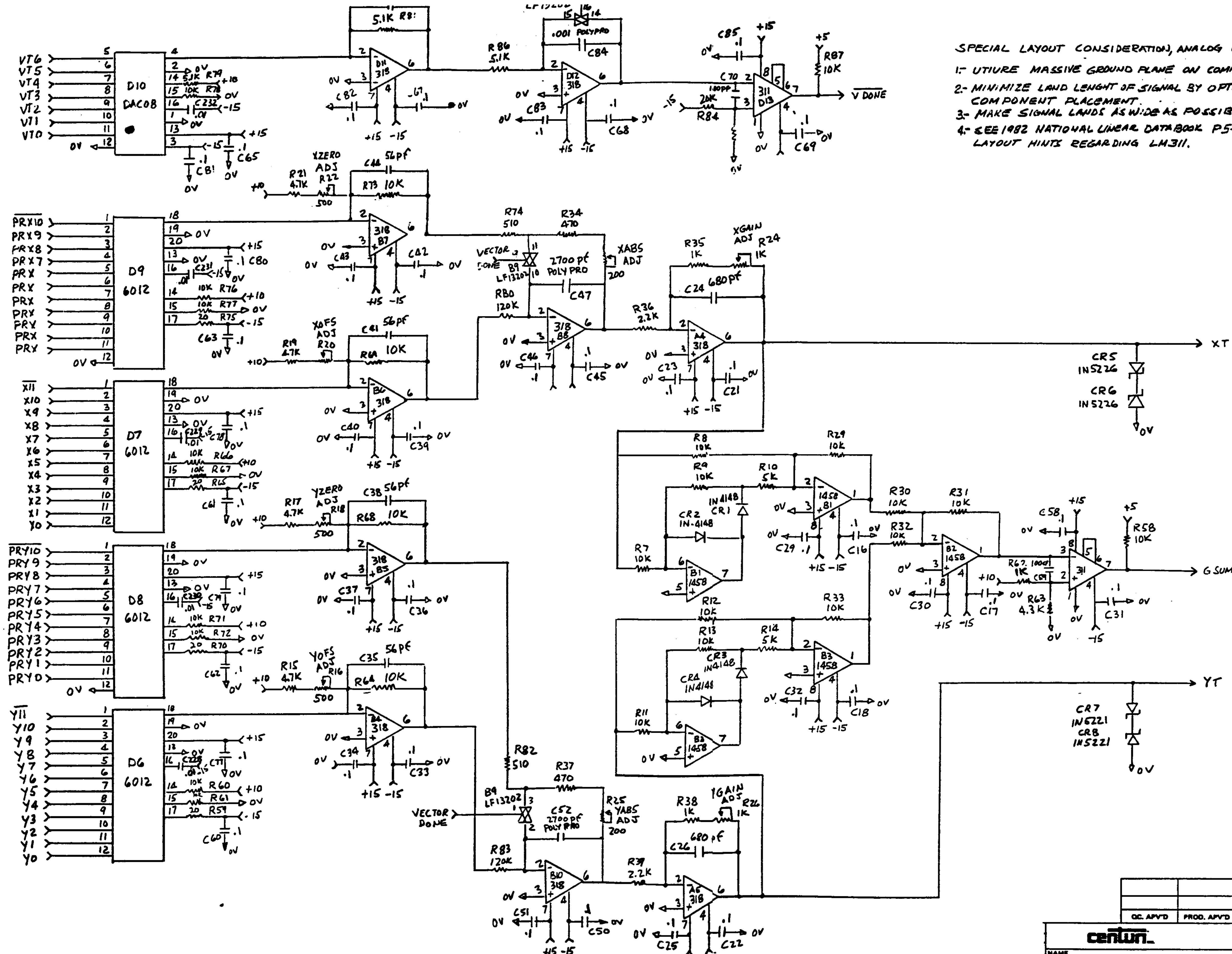
centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC

MATL'S. | HEAT TREAT. | FINISH

DWN. AAN | APP'D | DATE 5-2-83 | SCALE | PART NO. 905-4901 | REV. A

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SPECIAL LAYOUT CONSIDERATION, ANALOG CIRCUITRY

1- UTIURE MASSIVE GROUND PLANE ON COMPONENT SIDE
2- MINIMIZE LAND LENGHT OF SIGNAL BY OPTIMAL COMPONENT PLACEMENT.
3- MAKE SIGNAL LANDS AS WIDE AS POSSIBLE
4- SEE 1982 NATIONAL LINEAR DATABOOK PS-54 FOR LAYOUT HINTS REGARDING LM311.

QC. APV'D	PROD. APV'D	QTY.	ASSEMBLY NO

centuri HIALEAH, FLORIDA 33014

NAME: AZTARAC DISPLAY BOARD SCHEMATIC					
MAT'L		HEAT TREAT.		FINISH	
DWN: AAN	APPD	DATE: 5-5-83	SCALE	PART NO. 905-4901	REV. A